

WEST

Create A Case

Select?	Database	Query	Plural	Op	Thesaurus	Set Name
<input checked="" type="checkbox"/>	USPT	apoptotic body	YES	ADJ	ASSIGNEE	L1
<input checked="" type="checkbox"/>	USPT	L1 and contact hypersensitivity	YES	ADJ	ASSIGNEE	L2
<input checked="" type="checkbox"/>	USPT	L1 and psoriasis	YES	ADJ	ASSIGNEE	L3
<input checked="" type="checkbox"/>	USPT,PGPB,JPAB,EPAB,DWPI	apoptotic bodies	YES	ADJ	ASSIGNEE	L4
<input checked="" type="checkbox"/>	USPT,PGPB,JPAB,EPAB,DWPI	L4 and (contact dermatitis or contact hypersensitivity)	YES	ADJ	ASSIGNEE	L5

Please enter the case name:

Clear All

Reset

Create Case

Cancel

Help

Main Menu

Logout

Rules for naming Cases

- Case names can only contain alphanumeric characters including underscore (_).
- Any other special characters or punctuation characters will be automatically removed prior to saving the case.
- All white space characters will be replaced by an underscore.

09/866, 488

Your SELECT statement is:
s apoptotic(w)bod?

Items	File
1330	5: Biosis Previews(R)_1969-2003/Aug W2
3176	34: SciSearch(R) Cited Ref Sci_1990-2003/Aug W2
30	35: Dissertation Abs Online_1861-2003/Jul
2	48: SPORTDiscus_1962-2003/Aug
8	65: Inside Conferences_1993-2003/Aug W2
836	71: ELSEVIER BIOBASE_1994-2003/Aug W2
1188	73: EMBASE_1974-2003/Aug W2
2	91: MANTIS(TM)_1880-2002/Dec
116	94: JICST-EPlus_1985-2003/Aug W1
36	98: General Sci Abs/Full-Text_1984-2003/Jul
25	135: NewsRx Weekly Reports_1995-2003/Aug W2
541	144: Pascal_1973-2003/Aug W1
73	149: TGG Health&Wellness DB(SM)_1976-2003/Jul W4
1326	155: MEDLINE(R)_1966-2003/Aug W2
333	156: ToxFile_1965-2003/Aug W2
712	159: Cancerlit_1975-2002/Oct
58	162: Global Health_1983-2003/Jun
2	164: Allied & Complementary Medicine_1984-2003/Aug
29	172: EMBASE Alert_2003/Aug W2
23	266: FEDRIP_2003/Jun
8	370: Science_1996-1999/Jul W3
69	399: CA SEARCH(R)_1967-2003/UD=13907
12	434: SciSearch(R) Cited Ref Sci_1974-1989/Dec
7	444: New England Journal of Med._1985-2003/Aug W3
3	467: ExtraMED(tm)_2000/Dec

Set	Items	Description
S1	5832	APOPTOTIC(W)BOD?
S2	23778	CONTACT(W)HYPERSEN? OR CONTACT(W)DERMATIT?
S3	0	S1 AND S2 AND TREAT?
S4	0	S1 AND S2
S5	1963	S1 AND TREAT?
S6	8	S5 AND SKIN(S)DISEASE?
S7	4	RD (unique items)

09/866,488

File 411:DIALINDEX(R)

DIALINDEX(R)

(c) 2002 The Dialog Corporation plc

*** DIALINDEX search results display in an abbreviated ***

*** format unless you enter the SET DETAIL ON command. ***

?sf medicine

You have 29 files in your file list.

(To see banners, use SHOW FILES command)

?s apopto?(w)bod?

Your SELECT statement is:

s apopto?(w)bod?

Items File

1106	5: Biosis Previews(R)_1969-2002/Feb W1
2952	34: SciSearch(R) Cited Ref Sci_1990-2002/Feb W2
24	35: Dissertation Abs Online_1861-2002/Feb
1	48: SPORTDiscus_1962-2002/Feb
5	65: Inside Conferences_1993-2002/Feb W1
673	71: ELSEVIER BIOBASE_1994-2002/Feb W2
1007	73: EMBASE_1974-2002/Feb W1
4	77: Conference Papers Index_1973-2002/Jan
1	91: MANTIS(TM)_1880-2001/Oct
96	94: JICST-EPlus_1985-2002/Dec W5
33	98: General Sci Abs/Full-Text_1984-2001/Dec
11	135: NewsRx Weekly Reports_1995-2002/Feb W2
442	144: Pascal_1973-2002/Feb W2
56	149: TGG Health&Wellness DB(SM)_1976-2002/Feb W1
1136	155: MEDLINE(R)_1966-2002/Jan W4
259	156: ToxFile_1966-2001/Oct W3
655	159: Cancerlit_1975-2001/Oct
39	162: CAB HEALTH_1983-2001/Dec
16	172: EMBASE Alert_2002/Feb W2
31	266: FEDRIP_2002/Dec
8	370: Science_1996-1999/Jul W3
55	399: CA SEARCH(R)_1967-2002/UD=13607
12	434: SciSearch(R) Cited Ref Sci_1974-1989/Dec
26	442: AMA Journals_1982-2002/Mar B1
4	444: New England Journal of Med._1985-2002/Feb W2
9	457: The Lancet_1986-2000/Oct W1
3	467: ExtraMED(tm)_2000/Dec

27 files have one or more items; file list includes 29 files.

?b 34, 155

12feb02 10:14:11 User264783 Session D33.4

\$0.95 0.544 DialUnits File411

\$0.95 Estimated cost File411

\$0.13 TYMNET

\$1.08 Estimated cost this search

\$3.30 Estimated total session cost 1.867 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 34:SciSearch(R) Cited Ref Sci 1990-2002/Feb W2

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File 155:MEDLINE(R) 1966-2002/Jan W4

Set Items Description

--- -----

?s apopto?(w)bod?

128978 APOPTO?

823560 BOD?

S1 4088 APOPTO?(W)BOD?

?s s1 not py=>2000

4088 S1

2872561 PY=>2000

S2 3478 S1 NOT PY=>2000

?s s2 and (autoimmun? or inflamma?)

3478 S2

107779 AUTOIMMUN?

370121 INFLAMMA?

S3 398 S2 AND (AUTOIMMUN? OR INFLAMMA?)

?s s3 and (treat? or prophylaxis)

398 S3

2648430 TREAT?

63574 PROPHYLAXIS

S4 91 S3 AND (TREAT? OR PROPHYLAXIS)

?rd

...examined 50 records (50)

...completed examining records

S5 81 RD (unique items) 5/9/1 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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08521535 Genuine Article#: 296FV Number of References: 9

Title: Role of antigen-presenting cells in long-term antitumor response
based on tumor-derived apoptotic body vaccination

Author(s): Henry F; Bretaudeau L; Hequet A; Barbieux I; Lieubeau B; Meflah

K; Gregoire M (REPRINT)
Corporate Source: INST BIOL,INSERM U419/F-44035 NANTES//FRANCE/
(REPRINT);

INST BIOL,INSERM U419/F-44035 NANTES//FRANCE/

Journal: PATHOBIOLOGY, 1999, V67, N5-6, P306-310

ISSN: 1015-2008 Publication date: 19990000

Publisher: KARGER, ALLSCHWILERSTRASSE 10, CH-4009 BASEL,
SWITZERLAND

Language: English Document Type: ARTICLE

Geographic Location: FRANCE

Subfile: CC LIFE--Current Contents, Life Sciences

Journal Subject Category: CELL BIOLOGY; PATHOLOGY

Abstract: Cellular therapy prospects for cancer are based on the development of T cell response, resulting in efficient tumor rejection and long-term protection. We have previously shown that treatment combining injection of interleukin-2 and tumor-derived apoptotic bodies, but not tumor cell extracts, permits to reject parental tumor in 40% of rats. We observed the implication of antigen-presenting cells (APCs) and tumor-derived apoptotic bodies in the rejection of established peritoneal carcinomatosis. We demonstrated that apoptotic bodies could be efficiently phagocytosed by monocytes, triggering them to an APC phenotype. When using these phagocytosing APCs, derived from peritoneal or blood monocytes, the remission rate reached 80% of rats. However, due to the lack of specific markers of rat monocyte-derived cells, the precise role of APCs, dendritic cells and/or macrophages responsible for this therapeutic improvement remained to be clarified. In order to elucidate this question, we developed an in vivo preventive cellular therapy based on tumor-derived apoptotic bodies, where macrophages were either depleted or activated. We report here that in a preventive antitumoral apoptotic body vaccination that allows survival for 40% of treated rats, the antitumor response was characterized by a specific long-term memory (cured rats rejected a second parental tumor cell challenge). Depletion of resident macrophages with silica or clodronate liposomes appeared to promote apoptotic body vaccination efficiency, increasing the treatment to 66% of success, in this case, FACS analysis showed that peritoneal cells present are essentially immature APCs and freshly recruited NK cells. In contrast, the onset of peritoneal inflammation by thioglycollate, inducing massive recruitment and activation of macrophages, reduced the overall survival, whatever the treatment was. Also, even though the surviving rate was better in silica-treated rats than control, no longterm protection was elicited. Our data suggest that massive inflammation, recruiting numerous activated macrophages, could inhibit tumor antigen presentation by 'professional' APCs having phagocytosed apoptotic bodies, and defavor a specific antitumoral T cell response. Although effective responses were

developed against parental tumor cells with silica/ apoptotic body treatment , they seemed only partial, limited to primary cytotoxic efficiency. In conclusion, even if macrophages did not appear necessary for a primary response to tumor cells, these cells seemed to be implicated in the establishment of memory and long-term antitumor response. Copyright (C) 2000 S. Karger AG, Basel.

Descriptors--Author Keywords: antigen-presenting cells ; apoptotic bodies ; cellular therapy ; cancer

Identifiers--KeyWord Plus(R): CANCER

Cited References:

ALBERT ML, 1998, V392, P86, NATURE
BELLONE M, 1997, V159, P5391, J IMMUNOL
BOISTEAU O, 1997, V2, P403, APOPTOSIS
HAGUE A, 1993, V55, P498, INT J CANCER
HENRY F, 1999, V59, P3329, CANCER RES
HENRY F, 1998, V149, P673, RES IMMUNOL
PERRIN P, 1994, V107, P1697, GASTROENTEROLOGY
RONCHETTI A, 1999, V163, P1230, J IMMUNOL
SAVILL J, 1998, V392, P442, NATURE

?

5/8/67 (Item 67 from file: 34)

DIALOG(R)File 34:(c) 2002 Inst for Sci Info. All rts. reserv.

05461777 Genuine Article#: WA465 Number of References: 98

Title: ADVERSE AND BENEFICIAL IMMUNOLOGICAL EFFECTS OF PURINE NUCLEOSIDE

ANALOGS (Abstract Available)

Journal Subject Category: HEMATOLOGY

Descriptors--Author Keywords: PURINE ANALOGS ; IMMUNOLOGICAL ACTION

Identifiers--KeyWords Plus: CHRONIC LYMPHOCYTIC-LEUKEMIA;

ADENOSINE-DEAMINASE DEFICIENCY; AUTOIMMUNE HEMOLYTIC-ANEMIA; DNA

STRAND BREAKS; COMBINED IMMUNODEFICIENCY DISEASE; BONE-MARROW

TRANSPLANTATION; PROGRAMMED CELL-DEATH; DEOXYADENOSINE TOXICITY;

FLUDARABINE PHOSPHATE; DEOXYCYTIDINE KINASE

Research Fronts: 95-2384 002 (CHRONIC LYMPHOCYTIC-LEUKEMIA; INCREASED

PERIPHERAL-BLOOD NORMAL MYELOID PROGENITOR CELLS (CFU-GM); FLUDARABINE

PLUS ARA-C+G-CSF)

95-2455 002 (POLY(ADP-RIBOSE) POLYMERASE; ACUTELY DNA DAMAGED CELLS;

H2O2-INDUCED APOPTOSIS)

95-0204 001 (FAS LIGAND; T-CELL APOPTOSIS; TEMPERATURE-SENSITIVE
 MUTANT
 INDUCE FAS/APO-1 EXPRESSION)
 95-1076 001 (INTERNUCLEOSOMAL DNA FRAGMENTATION DURING DRUG-
 INDUCED
 APOPTOSIS; PROGRAMMED CELL-DEATH; APOPTOTIC BODIES)
 95-4426 001 (GLUCOCORTICOID-INDUCED APOPTOSIS; PROGRAMMED
 CELL-DEATH;
 DEOXYRIBONUCLEASE INDUCTION IN APOPTOTIC CYTOTOXIC T-
 LYMPHOCYTES)

File 34:SciSearch(R) Cited Ref Sci 1990-2002/Feb W2
 (c) 2002 Inst for Sci Info

Set Items Description

--- -----

?e rf=95-1076 001

Ref Items Index-term

E1 2 RF=95-1075 005 (COUPLED MAP LATTICES; CHAOTIC S
 E2 1975 RF=95-1076
 E3 1206 *RF=95-1076 001 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E4 430 RF=95-1076 002 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E5 183 RF=95-1076 003 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E6 69 RF=95-1076 004 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E7 44 RF=95-1076 005 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E8 25 RF=95-1076 006 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E9 9 RF=95-1076 007 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E10 8 RF=95-1076 008 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E11 1 RF=95-1076 009 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E12 5 RF=95-1077

Enter P or PAGE for more

?s e2

S1 1975 RF="95-1076"

?s e3

S2 1206 RF="95-1076 001" (INTERNUCLEOSOMAL DNA FRAGMENTAT

?s s2 and treat?

1206 S2

1036611 TREAT?

S3 372 S2 AND TREAT?

?s s3 not py=>2000

372 S3

1953857 PY=>2000

S4 372 S3 NOT PY=>2000

?s s4 and (autoimmune or inflam?)

372 S4
 41007 AUTOIMMUNE
 159043 INFLAM?
 S5 48 S4 AND (AUTOIMMUNE OR INFLAM?)

File 34:SciSearch(R) Cited Ref Sci 1990-2002/Feb W2
 (c) 2002 Inst for Sci Info

Set Items Description

--- -----

?e rf=95-1076 001

Ref Items Index-term

E1 2 RF=95-1075 005 (COUPLED MAP LATTICES; CHAOTIC S
 E2 1975 RF=95-1076
 E3 1206 *RF=95-1076 001 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E4 430 RF=95-1076 002 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E5 183 RF=95-1076 003 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E6 69 RF=95-1076 004 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E7 44 RF=95-1076 005 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E8 25 RF=95-1076 006 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E9 9 RF=95-1076 007 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E10 8 RF=95-1076 008 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E11 1 RF=95-1076 009 (INTERNUCLEOSOMAL DNA FRAGMENTAT
 E12 5 RF=95-1077

Enter P or PAGE for more

?s e2

S1 1975 RF="95-1076"

?s e3

S2 1206 RF="95-1076 001" (INTERNUCLEOSOMAL DNA FRAGMENTAT

?s s2 and treat?

1206 S2

1036611 TREAT?

S3 372 S2 AND TREAT?

?s s3 not py=>2000

372 S3

1953857 PY=>2000

S4 372 S3 NOT PY=>2000

?s s4 and (autoimmune or inflam?)

372 S4

41007 AUTOIMMUNE

159043 INFLAM?

S5 48 S4 AND (AUTOIMMUNE OR INFLAM?)

Set Items Description

S1 1010 MULTIPLE(W)SCLEROSIS AND CYTOKINE?

S2 429 S1 AND EXPRESS?
 S3 0 S2 AND APOP?(W)BOD?
 S4 2 S2 AND (IL2 OR LI3 OR IL4 OR IL5)
 S5 486 PSORIASIS AND CYTOKINE?
 S6 262 S5 AND EXPRESS?
 S7 81 S6 AND TREAT?
 S8 1 S7 AND APOP?

Set	Items	Description
S1	7225	AUTOIMMUNE? AND MECHANISM?
S2	1873	S1 AND TREAT?
S3	1504	S2 NOT PY=>2000
S4	890	S3 AND AUTOIMMUNE(W)DISEASE?